

苹果属一新种

邓家祺

(金县农业技术推广中心, 辽宁)

洪建元

(沈阳农学院, 沈阳)

A NEW SPECIES OF THE GENUS *MALUS* MILL.

DENG JIA-QI

(Popularization Centre for Agricultural Technique of Jinxian County, Liaoning)

HONG JIAN-YUAN

(Agricultural College of Shenyang, Shenyang)

Key words *Malus*; *M. jinxianensis*

关键词 苹果属; 金县山荆子

金县山荆子 山丁子(土名) 新种 图 1

Malus jinxianensis J. Q. Deng et T. Y. Hong, sp. nov.

Species *M. baccatae* (L.) Borkh. similis, sed foliis variabilibus, ellipticis ad ovatis, raro suborbicularibus, margine undulatis, minute arguteque serrulatis, interdum serraturis argutis recurvisque vel uniformibus, sepalis ovatis, apice caudatis, rarius longe acuminatis, styli vulgo (3—) 4, basi albo-puberulis, rarius glabris, fructibus obovoideis, cicatricibus calycium deciduorum majoribus differt.

Arbor; rami vetusti nigro-brunnei; ramuli graciles, leviter tortuosi, teretes, subglabri; gemmae ovoideae, apice obtusae, perulis margine leviter pubescentibus, rubro-brunneis ornatae. Folia elliptica ad ovata, raro suborbicularia, 4—8 cm longa, 2—5 cm lata, apice acuminata, rarius caudato-acuminata, basi late cuneata vel subrotundata, margine undulata, minute arguteque serrulata, serraturis interdum recurvis vel uniformibus, juventute utrinque ad nervos pubescentia, mox glabrescentia; petioli 1—1.5 cm longi, juventute pubescentes, mox glabrescentes, demum glabri; stipulae lanceolatae, c. 1 cm longae, minute serratae, caducae. Inflorescentia umbellata in apice ramuli orta, 3—5 cm in diametro, 3—6-flora; pedicelli glabrescentes, 2.0—3.3 cm longi, glabri; bracteae lineari-lanceolatae, supra leviter pilosae, margine glanduloso-serratae; flores diam. 1—2 cm; calyx extus glaber; sepalia ovata, apice caudata, rarius longe acuminata, integra, 3—4 mm longa, intus tomentosa, calycis tubo longiora; petala ovata, 1—1.5 cm longa, apice obtusa, basi breviter unguiculata, pallide rosea; stamina 20—30, inaequalia, petalis circum duplo breviora; styli vulgo (3—) 4, basi

leviter coaliti et albo-puberuli, rarius glabri, staminibus paullo breviores. Fructus obovatus, circum 1 cm in diametro, purpureus, calycis cicatrice majore notatus; pedicelli fructiferi 3—3.5 cm longi.

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乔木。老枝暗褐色,小枝细弱,圆柱形,近无毛。冬芽卵形,先端钝,鳞片边缘微具短柔毛,红褐色。叶片椭圆形至卵形,稀近圆形,长4—8cm,宽2—5cm,先端渐尖,稀尾状渐尖,基部宽楔形或近圆形,边缘具细锐锯齿,有时具下弯或钩状尖锐锯齿,幼时两面沿叶脉有短柔毛,不久脱落无毛,叶柄长1—1.5cm,幼时有短柔毛,逐渐脱落无毛;托叶披针形,长约1cm,有细锯齿,多数早落。伞形花序集生在小枝顶端,直径3—5cm,具花3—6朵;花梗细,长2.0—3.3cm;无毛;苞片线状披针形,上面有疏柔毛,边缘具腺齿;花直径1—2mm;花萼外面无毛;萼片卵形,先端尾尖,稀长渐尖,全缘,长3—4mm,内面被绒毛,长于萼筒;花瓣卵形,长1—1.5cm,先端圆钝,基部有短爪,淡粉红色;雄蕊20—30枚,长短不齐,长约花瓣之半;花柱通常(3—)4,基部稍联合并具白色微柔毛,稀无毛,稍短于雄蕊。果实倒卵球形,直径约1cm,紫红色,萼痕较大;果柄长3—3.5cm。花期5月上旬,果期10月上旬。



图1 金县山荆子 *Malus jinxianensis* J. Q. Deng et J. Y. Hong

本种近似山荆子 *Malus Baccata* (L.) Borkh., 区别在于本种叶片形状变异较大,椭圆形至卵形,稀近圆形,边缘具细锐锯齿,有时具下弯或钩状尖锐锯齿;萼片卵形,先端尾尖,稀长渐尖;花柱通常(3—)4,基部具白色微柔毛,稀无毛;果实倒卵球形,萼痕较大。